

Information About RUSLE2 Soil Loss

Field: MapleView NadE
Operation: Walnutdale Farm
Plan File: C:\Users\jstegink\Dropbox\Walnutdale Dairy 2012 CNMP 2012 Apps.mmp
RUSLE2 Database: C:\Program Files (x86)\USDA\Rusle2\BASE_NRCS_MOSES_040110.gdb
Calculated Profile: mmp_calc\Walnutdale Dairy 2012 CNMP 2012 Apps.mmp\MapleView NadE
Calculated Mgmt: CMZ 04\c.Other Local Mgt Records\mmp_calc\Walnutdale Dairy 2012 CNMP 2012 Apps.mmp\MapleView NadE

Last Saved: 3/27/2012*

Field's RUSLE2 Profile

Climate Location: USA\Michigan\Allegan County
Soil Survey: Allegan County, Michigan
Soil Type: 21B CAPAC-WIXOM COMPLEX, 1 TO 4 PERCENT SLOPES\Capac loam 55%
Slope: 2%
Slope Length: 150 feet
Rock Cover: (Not entered -- 0% assumed)
Subsurface Drainage: (No patterned drainage -- none used)
Contouring: (Not selected -- rows up-and-down hill assumed)
Strips/Barriers: (Not selected -- none assumed)
Diversion/Terrace: (Not selected -- none assumed)
Residue Burial: (Not selected -- normal burial assumed)
Notes:

Field's RUSLE2 Management

<i>Date mm/dd/yyyy</i>	<i>Operation</i>	<i>Vegetation</i>	<i>Yield or Cover Material</i>	<i>Cover Material Added/Removed</i>
04/28/2008	Cultivator, field 6-12 in sweeps			
05/01/2008	planter, double disk opnr	Corn, silage	21 tons	
09/15/2008	Harvest, silage			706 lbs
05/01/2009	Graze, rotational	Grass, cool season pasture, regrowth after grazing	0.9 ton	
06/15/2009	Graze, rotational	Grass, cool season pasture, regrowth after grazing	1 ton	7 lbs
08/01/2009	Graze, rotational	Grass, cool season pasture, regrowth after grazing	1 ton	8 lbs
09/15/2009	Graze, rotational	Grass, cool season pasture, regrowth after grazing	0.9 ton	8 lbs
10/15/2009	Graze, rotational	Grass, cool season pasture, senesc to regrowth	1.3 ton	7 lbs
05/01/2010	Graze, rotational	Grass, cool season pasture, regrowth after grazing	0.9 ton	9 lbs

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<i>Date mm/dd/yyyy</i>	<i>Operation</i>	<i>Vegetation</i>	<i>Yield or Cover Material</i>	<i>Cover Material Added/Removed</i>
06/15/2010	Graze, rotational	Grass, cool season pasture, regrowth after grazing	1 ton	7 lbs
08/01/2010	Graze, rotational	Grass, cool season pasture, regrowth after grazing	1 ton	8 lbs
09/15/2010	Graze, rotational	Grass, cool season pasture, regrowth after grazing	0.9 ton	8 lbs
10/15/2010	Graze, rotational	Grass, cool season pasture, senesc to regrowth	1.3 ton	7 lbs
10/16/2010	Manure spreader, slurry		default	2818 lbs
05/01/2011	Graze, rotational	Grass, cool season pasture, regrowth after grazing	0.9 ton	9 lbs
06/15/2011	Graze, rotational	Grass, cool season pasture, regrowth after grazing	1 ton	7 lbs
08/01/2011	Graze, rotational	Grass, cool season pasture, regrowth after grazing	1 ton	8 lbs
09/15/2011	Graze, rotational	Grass, cool season pasture, regrowth after grazing	0.9 ton	8 lbs
10/15/2011	Graze, rotational	Grass, cool season pasture, senesc to regrowth	1.3 ton	7 lbs
11/01/2011	Chisel, twisted shovel			1772 lbs
04/28/2012	Cultivator, field 6-12 in sweeps			
05/01/2012	planter, double disk opnr	Corn, silage	21 tons	
09/15/2012	Harvest, silage			706 lbs
11/15/2012	Manure spreader, solid and semi-solid		default	2100 lbs

Note: Operations for the field's assumed previous crop (in italics) were included to initialize RUSLE2.

Field's RUSLE2 Soil Loss Estimates

<i>Crop Year</i>	<i>Starting Date mm/dd/yyyy</i>	<i>Ending Date mm/dd/yyyy</i>	<i>Soil Loss Tons/Acre</i>	<i>Crop(s)</i>
2009	09/16/2008	10/15/2009	1.0	Pasture, ext. grazing
2010	10/16/2009	10/15/2010	0.1	Pasture, ext. grazing

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<i>Crop Year</i>	<i>Starting Date mm/dd/yyyy</i>	<i>Ending Date mm/dd/yyyy</i>	<i>Soil Loss Tons/Acre</i>	<i>Crop(s)</i>
2011	10/16/2010	10/15/2011	0.1	Pasture, ext. grazing
2012	10/16/2011	09/15/2012	0.8	Corn silage

RUSLE2 Version: 1.32.3.0
RUSLE2 Build Date: Dec 17 2007
RUSLE2 Science Date: 20061020